

ABSTRACT OF THE DISCLOSURE

A method of controlling pressure in a fluid system having a source of pressurized fluid for which a maximum desired fluid pressure value has been determined, a hydraulic load, an apply valve controlling pressurized fluid flow between the source and the load, and a release valve permitting fluid flow from the load to a low pressure reservoir. Pressure is controlled at the hydraulic load by at least one of closing the release valve and opening the apply valve to increase pressure at the hydraulic load, and by at least one of closing the apply valve and opening the release valve to reduce pressure at the hydraulic load. Simultaneously, pressure of the source of pressurized fluid is limited by opening both the apply valve and the release valve from the positions required to control pressure at the hydraulic load a sufficient amount to permit pressurized fluid from the source of pressurized fluid to flow through the apply valve and the release valve to the low pressure reservoir at a flow rate sufficient to limit pressure of the source of pressurized fluid to less than the maximum desired fluid pressure value.